

Irving Forest Products, Inc.
Oxford County
Dixfield, Maine
A-409-70-A-I

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Department
Findings of Fact and Order
Part 70 Air Emission License

After review of the Initial Part 70 License application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A, Section 344 and Section 590, the Department finds the following facts:

I. Registration

A. Introduction

FACILITY	Irving Forest Products, Inc.
LICENSE NUMBER	A-409-70-A-I
LICENSE TYPE	Initial Part 70 License
NAICS CODES	321912, 321113, 321999
NATURE OF BUSINESS	Lumber Manufacturer
FACILITY LOCATION	Ten Hall Hill Road, Dixfield
DATE OF LICENSE ISSUANCE	April 17, 2003
LICENSE EXPIRATION DATE	April 17, 2008

B. Emission Equipment

1. The following process emission units are addressed by this Part 70 License:

EMISSION UNIT ID	UNIT CAPACITY	UNIT TYPE
Drying Kilns (1- 11)	190,000 BF per kiln per week	Process Equipment
Drying Kilns (12 - 13)	75,000 BF per kiln per week	Process Equipment
Cyclone #1 (Planer Mill shavings)	25,000 tons per year	Particulate control
Cyclone #2 (Bagger Silo)	25,000 tons per year	Particulate control
Cyclone #3 (Shavings Hopper)	25,000 tons per year	Particulate control
Cyclone #4 (Planer Mill Chip Hopper)	6,000 tons per year	Particulate control
Cyclone #5 (Dillon Boiler fuel silos)	1,000 tons per year	Particulate control
Cyclone #6 (Dillon Boiler fuel input)	14,000 tons per year	Particulate control
Cyclone #7 (Bates Boiler fuel input)	35,000 tons per year	Particulate control
Parts Washer #1 (equipment garage)	10 gallon degreaser	10 gallon degreaser
Parts Washer #2 (Sawmill)	10 gallon degreaser	10 gallon degreaser

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2. The following fuel burning emission units are addressed by this Part 70 License:

EMISSION UNIT ID	UNIT CAPACITY	UNIT TYPE
Boiler #1 (Dillon Boiler)	12 MMBtu/hr	Wood Burning
Boiler #2 (Dillon Boiler)	12 MMBtu/hr	Wood Burning
Boiler #3 (Burnham Boiler)	16.8 MMBtu/hr	#6 and #4 Fuel Oil Burning
Boiler #4 (IBC Boiler)	46.2 MMBtu/hr	Wood Burning
Fire Pump #1	2.0 MMBtu/hr	Diesel Fuel Oil Burning

3. Irving Forest Products, Inc. has additional insignificant activities that do not need to be listed in the emission equipment table above. The list of insignificant activities can be found in the Part 70 license application and in Appendix B of Chapter 140 of the Department's Regulations.

C. Application Classification

The application for Irving Forest Products, Inc. does not include the licensing of increased emissions or the installation of new or modified equipment, therefore the license is considered to be an Initial Part 70 License issued under Chapter 140 of the Department's regulations for a Part 70 source. This license supercedes all previous air emission licenses issued to Irving Forest Products, Inc. by the Department. All previous licenses are no longer in effect.

II. EMISSION UNIT DESCRIPTION

A. Process Description

Irving Forest Products, Inc. of Dixfield, Maine is a manufacturer of kiln-dried pine lumber. The main mill is located on Hall Hill Road. The main mill includes a sawmill, a planer mill, four boilers, fuel storage and a maintenance garage. A separate sawmill, referred to as the Pine Street Mill, is located on Pine Street in Dixfield, Maine but is no longer operational and exists only as parts storage.

Logs are delivered by truck to the mill and then placed in inventory; they are then sprayed with water to prevent damage by aerobic organisms. The logs are transferred from inventory into the mill by a portal crane. The crane feeds the logs to two decks, each feeding one of the two ring debarkers. All the bark is collected by mechanical conveyors and fed into a truck-loading bin to eventually be hauled offsite to customers.

The sawmill consists of two log breakdown lines. The first line is the headrig line, which consists of a doublecut vertical bandsaw, and a twin horizontal bandsaw. The second line is the quad line, which consist of two chipper heads, four vertical bandsaws and a twelve-inch double arbor gang circular saw. There are two saw edgers that are fed from these two lines. All the lumber fed to a single 16-foot trim saw line, feeding into a length and width sorter, which feeds into a sticker stacker. All lumber is then transferred by forklift into storage to await kiln drying.

All of the waste from these machine centers is chipped and conveyed along with chips from the chipping heads to a truck bin to eventually be loaded into trucks and delivered offsite to customers.

There are two waste system chippers on the first floor of the sawmill with cyclones and screens inside the building. All the sawdust is captured by the cyclones and conveyed to a truck bin were it is eventually loaded onto trucks for either transfer on-site to the wood-fired boilers or delivery offsite to customers.

The lumber is stored in a covered storage area. Fans blow on the wood in the storage area in order to keep the wood cool and to prevent growth of fungi that cause staining of the wood. All of boards produced at the Irving Forest Products mill are kiln dried at the plant. There are 13 kilns located at the mill. Eleven of the kilns are track kilns and each has a capacity of 190,000 BF per week. The other two kilns are front loading and each has a capacity of 75,000 BF per week. The lumber is transported from inventory into the kilns by forklift. Moisture from the kilns is exhausted through multiple vents to the atmosphere.

After being dried the wood is transferred by forklift to the planer mill. Rough, dry lumber is fed through a planer machine to create finished lumber. Finished lumber is conveyed to a grading station where it is graded. After grading, trim saws are used to trim for grade and length. The lumber is then sorted and stacked according to grade and length.

The planer shavings and trimmer sawdust is pneumatically conveyed to the planner mill shavings cyclone. The planer mill shavings cyclone drops the shavings into a blowpipe that blows the dust to the bagger silo cyclone and into the bagger silo. Shavings from the bagger silo is blown from the silo to the shavings hopper cyclone, where the dust is dropped into the bagger for loading onto trucks and sold offsite.

Blocks of wood from the trimmers in the planner mill are mechanically conveyed to a dry hog. The hogged wood is pneumatically blown to a truck-loading bin where the wood is loaded onto trucks and transported to Boilers #1, #2 and/or #4 for use as fuel or delivered offsite to customers.

The facility also purchases chipped up wood pallets for use as wood fired boiler fuel. The pallets are considered wood waste on the condition that the pallets are not coated, painted or treated in anyway.

Three wood-fired boilers and one oil-fired boiler are used at the Irving Forest Products, Inc. Dixfield site to provide heat for the kilns, as well as space heat for other buildings. Wood waste and chips to be burned in the wood fired boilers are delivered by truck and dumped into hoppers. A series of conveyors, augers and bucket-elevators deliveries the wood fuel to the wood fired boilers. One cyclone is used at the Dillon wood-fired boilers where sawdust is blown into a hopper before the wood is fed into the boiler.

B. Boilers #1 and #2

Boilers #1 and #2, the two Dillon Boilers, are wood fired boilers, each with a maximum design heat input capacity of 12.0 MMBtu/hr and each exhausts to the same stack designated Stack #1. Boilers #1 and #2 were manufactured in 1959 and 1960 respectively. The boilers were manufactured prior to 1989; therefore, the boilers are not subject to EPA's New Source Performance Standards (NSPS), Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).

Boilers #1 and #2 have no post-combustion pollution control devices in the boiler exhaust gas stream. Boilers #1 and #2 were retrofit in 1993 with a new fuel delivery system and a multizone undergrate air system designed to improve combustion efficiency in the boiler furnace therefore reducing carryover of particulate matter.

Irving Forest Products, Inc. shall maintain a record of wood usage for Boilers #1 and #2 based on the weight of wood burned. The fuel use record shall be maintained on a monthly basis and an annual twelve-month rolling total basis.

Emissions for the boilers were based on previous licensed limits. These limits were calculated using AP-42 factors and previously licensed fuel use limits.

Streamlining

1. Opacity

Irving Forest Products, Inc. accepts streamlining for opacity requirements. Chapter 101, Section 2(A)(1) of the Department's regulations is applicable, however, the Best Practical Treatment (BPT) opacity limit in this license is more restrictive.

2. Particulate matter

Irving Forest Products, Inc. accepts streamlining for particulate emissions requirements. Chapter 103 Section 2(A)(3) of the Department's regulations is applicable; however, the Best Practical Treatment (BPT) particulate emissions limit is more restrictive.

Periodic Monitoring

Periodic monitoring shall consist of records indicating the amount of wood fired based on wood weight. The fuel records shall be kept on a monthly and a 12-month rolling total basis.

C. Boiler #4

The facility was issued license amendment A-409-74-E-A on October 4, 1994 permitting operation of Boiler #4. Boiler #4, an IBC boiler, is a wood fired boiler with a maximum design heat input capacity of 46.2 MMBtu/hr and exhausts to Stack #3. The used Boiler was manufactured and installed at Bates College in Lewiston, Maine prior to 1984 and moved to the Irving Forest Products, Inc. facility (formally Highland Lumber) in 1994. The boiler was manufactured prior to 1989; therefore, the boiler is not subject to EPA's New Source Performance Standards (NSPS), Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).

Boiler #4 makes use of two multi-cyclone mechanical dust collectors in the post combustion gas stream. The multi-cyclone mechanical dust collectors shall control particulate matter emissions to no greater than 0.3 lb/MMBtu. To ensure compliance to this limit Irving Forest Products, Inc. shall install, operate and maintain a non-specification opacity monitor.

The facility was required to install, operate and maintain a non-specification opacity monitor and O₂ monitor and recorders for both monitors for boiler #4 as per air emission license amendment A-409-74-E-A. This amendment also required that a steam flow indicator for Boiler #4 be installed, operated and maintained in order to calculate fuel use by using steam production. After review of this license application and of inspection history information, it is the decision of the Department that the facility shall continue to maintain and operate the opacity monitor and O₂ monitor and recorders for both monitors on boiler #4. The Department has also decided that because the facility is going to be required by this license to determine the weight of all the wood fired in Boiler #4, the facility will not be required to continue to maintain and operate the steam flow indicator.

Irving Forest Products, Inc. shall maintain a record of opacity and O₂ in exhaust gas from Boiler #4 with records logged at least once every four-hour period beginning with the 12:00 AM to 4:00 AM period. Irving Forest Products, Inc. shall also maintain a record of inspection and maintenance of the opacity and O₂.

Irving Forest Products, Inc. shall maintain a record of wood usage for Boiler #4 based on the weight of wood burned. The fuel use record shall maintained on a monthly basis and an annual twelve-month rolling total basis.

Emissions for the boilers were based on previous licensed limits. These limits were calculated using AP-42 factors and previously licensed fuel use limits.

1. Opacity

Irving Forest Products, Inc. accepts streamlining for opacity requirements. Chapter 101, Section 2(A)(1) of the Department's regulations is applicable, however, the Best Practical Treatment (BPT) opacity limit in this license is more restrictive.

2. Particulate matter

Irving Forest Products, Inc. accepts streamlining for particulate emissions requirements. Chapter 103 Section 2 (A) (3) of the Department's regulations is applicable; however, the Best Practical Treatment (BPT) particulate emissions limit is more restrictive.

Periodic Monitoring

1. Periodic monitoring shall consist of records indicating the amount of wood fired based on wood weight. The fuel records shall be kept on a monthly and a 12-month rolling total basis.
2. Periodic monitoring shall also consist of records indicating opacity and O₂ in exhaust gas with readings logged at least once every four-hour period beginning with the 12:00 AM to 4:00 AM period.
3. Periodic monitoring shall also consist of records of inspection and maintenance of the opacity and O₂ monitors and recorders.

D. Wood Use

The facility plans to weigh the majority of wood before being fired in Boilers #1, #2 and #4. A small portion of the wood fired in the boilers is generated from the Specialty or Value-added shop. This wood is blown to the Boiler #1 and #2 fuel silo in a known volume and the weight is calculated from that volume. A total annual facility wood usage limit was established by calculating from the total annual emissions from Boilers #1, #2 and #4 based on current AP-42 factors given in units of pound of pollutant per MMBtu (lb/MMBtu) assuming a moisture content of 50%. The total annual wood usage limit is 68,325 tons of wood per year at 50% moisture or equivalent. Compliance with the wood usage limit shall be demonstrated through fuel usage records required for the wood firing boilers.

E. Boiler #3

Irving Forest Products, Inc. operates Boiler #3, a #6 fuel oil fired Burnham boiler, with a maximum design heat input capacity of 16.8 MMBtu/hr. Boiler #3 exhausts to Stack #1.

Irving Forest Products, Inc. shall fire #6 fuel oil with a sulfur content not to exceed 0.5% sulfur by weight in Boiler #3. Irving Forest Products, Inc. may also fire #4 fuel oil with a sulfur content of no greater than 0.5% sulfur by weight in Boiler #3. Total fuel use for boiler #3 shall be limited to 875,000 gal/yr based on a 12 month rolling total. Compliance with fuel usage limits shall demonstrated by record keeping which shall include purchase receipts that specify the amount of fuel purchased, the sulfur content of the fuel and the fuel delivery date. Fuel records shall be maintained on a monthly as well as a 12-month rolling basis.

Emissions for the boilers were based on previous licensed limits. These limits were calculated using AP-42 factors and vender supplied data.

The boiler was manufactured in 1990. The boiler was manufactured later than 1989; therefore, the boiler is subject to EPA's New Source Performance Standards (NSPS), Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units). The applicable requirements are included in the following:

1. Standard for sulfur dioxide: 60.42c,
2. Compliance and performance test methods and procedures for sulfur dioxide: 60.44c,
3. Reporting and record keeping requirements: 60.48c.

Streamlining

1. Opacity

Irving Forest Products, Inc. accepts streamlining for opacity requirements. Chapter 101, Section 2(A)(1) of the Department's regulations is applicable, however, the Best Practical Treatment (BPT) opacity limit in this license is more restrictive.

2. Particulate matter

Irving Forest Products, Inc. accepts streamlining for particulate emissions requirements. Chapter 103 Section 2(A)(1) of the Department's regulations is applicable; however, the Best Practical Treatment (BPT) particulate emissions limit is more restrictive.

Periodic Monitoring

Periodic monitoring shall consist of purchase receipts that specify the amount of fuel purchased, the sulfur content of the fuel and the fuel delivery date. Fuel records shall be maintained on a monthly as well as a 12-month rolling basis.

F. NO_x RACT

Irving Forest Products, Inc. exceeds an annual total potential emissions of NO_x of 100 tons per year, therefore, Irving Forest Products, Inc. is subject to MEDEP Chapter 138 on Reasonable Control Technology (RACT) for facilities that emit Nitrogen Oxides.

1. In accordance with MEDEP Chapter 138, Section 3 (L) (1), Irving Forest Products, Inc. shall perform an annual tune-up on Boiler #4
2. In accordance with MEDEP Chapter 138, Section 3-(L) (2), Irving Forest Products, Inc. shall comply with the following tune-up record keeping requirements for Boiler #4.
 - a. A tune-up procedure file must be kept on-site and made available to the Department upon request,
 - b. An oxygen/carbon monoxide curve or an oxygen/smoke curve must be kept on file,

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- c. Once the optimum excess oxygen setting has been determined, Irving Forest Products, Inc. must periodically verify that the setting remains at that value, and
- d. If the oxygen level found is substantially higher than the value provided by the combustion unit manufacturer, Irving Forest Products, Inc. must improve the fuel and air mixing, thereby allowing operation with less air.

G. Emergency Diesel Fire Pump

Irving Forest Products, Inc. makes use of a 2.0 MMBtu/hr Emergency Diesel Fire Pump. The Emergency Diesel Fire Pump was installed in 1997 and fires diesel fuel oil with a sulfur content of 0.05% sulfur by weight. The unit shall be limited to a total usage of 500 hours per year on a twelve month rolling total basis. Irving Forest Products, Inc. shall install, operate and maintain an hour meter on the unit to insure compliance with the hours of operation limits on the unit.

Irving Forest Products currently fires #2 fuel oil with a sulfur content of no greater than 0.5% sulfur by weight in the Emergency Diesel Fire Pump. The facility shall be permitted to fire the remainder of the #2 fuel oil in their Emergency Diesel Fire Pump fuel tank. After the date of the signing of this license, any fuel purchased to be fired in the emergency diesel fire pump shall be diesel fuel with a sulfur content not to exceed 0.05% sulfur by weight.

The Emergency Diesel Fire Pump shall be operated only when normal testing procedures, as recommended by the manufacturer, are being performed or in case of an emergency as defined in Chapter 100 of the Department Regulations.

Emissions for the Emergency Diesel Fire Pump were based on previous licensed limits. These limits were calculated using AP-42 factors and vender supplied data.

Periodic Monitoring

Periodic monitoring shall consist of records indicating the hours of operation of the diesel and the amount of diesel fuel fired calculated based on hours of operation. The record shall also include fuel purchase receipts that indicate amount of fuel purchased, sulfur content of the fuel and date of fuel purchase. The records shall be kept on a monthly and a 12-month rolling basis.

H. Drying Kilns

Irving Forest Products, Inc. utilizes 13 kilns to dry their lumber before sale. Kilns #12 and #13 are older kilns with total maximum kiln volume of 75,000 BF (boardfeet) per week each. Irving Forest Products, Inc. is capable of running 52 charges per year each through kilns #12 and #13 based on a twelve month rolling total. This gives Irving Forest Products, Inc. a total maximum kiln production capacity of approximately 7,800,000 BF per year from kilns #12 and #13.

Kilns #1 through #11 are track kilns with rated capacities of 190,000 BF per week each. This gives Irving Forest Products, Inc. a total maximum kiln volume of 2,090,000 BF per week for kilns #1 through #11. These kilns are run on a 7-day charge cycle and are capable of 52 charges per year. This gives Irving Forest Products, Inc. a maximum production capacity of approximately 108,700,000 BF per year from kilns #1 through #11.

Irving Forest Products, Inc. has proposed a facility kiln production limit of 80,000,000 BF per year from kiln drying activities. Irving Forest Products, Inc. predominantly dries white pine. The drying of softwood significantly contributes to the facility's VOC emissions. Based on current information, white pine produces the greatest amount of VOC per BF of all the species of wood found in the northeast for which data is available. Using a factor of 2.26 pounds of VOC released in the kiln drying process for every 1,000 BF of white pine dried, Irving Forest Products, Inc. will emit 90.4 tons of VOC per year. The conversion factor for white pine was used in determining VOC emissions from the drying kilns, however, Irving Forest Products, Inc. may dry other species of wood.

Periodic Monitoring

Periodic monitoring for the kiln operation shall consist of maintaining records indicating the quantity of wood dried in BF. The kiln records shall be kept on a monthly and a 12-month rolling basis.

I. Cyclones

Irving Forest Products, Inc. utilizes a number of process cyclones throughout the facility for handling particulate matter (PM) and particulate matter with a diameter of ten (10) microns or less (PM₁₀) that is generated by the wood processing equipment. Blowers convey the particulate from the process equipment, which includes saws, planers and wood conveying belts, to the cyclones. These cyclones include the following:

Cyclone #1 is the Planer Mill Shavings Cyclone. The trimmer sawdust and planer shavings are pneumatically conveyed to the planer mill shavings cyclone. The planer mill shavings cyclone drops the sawdust into a blowpipe that blows the dust to Cyclone #2, the Bagger Silo Cyclone, and into the Bagger Silo. Sawdust from the Bagger Silo is blown from the silo to Cyclone #3, the Shavings Hopper Cyclone, where the dust is dropped into the bagger for loading onto trucks and sold offsite.

Cyclone #4 is located at the Planer Mill Chip Hopper, which is a hopper used for directly dumping shavings and sawdust from the Planer Mill into trucks. Cyclone #5 is the Dillon Boiler Fuel Silo. The Dillon Boiler Fuel Silo is also called the Tek. Tank. It receives shavings and sawdust from the Specialty mill or Value-added Shop. Cyclone #6 is located at the top of the Dillon Boiler House. The fuel is blown from the Tek. Tank to the top of the boiler house where it is dropped into the fuel delivery system via Cyclone #6. Cyclone #7 is the Bates boiler fuel input cyclone located at the top of the Boiler #4 boiler house.

Visible emissions from each cyclone shall not exceed an opacity of 10% on a 6-minute block average basis.

Periodic Monitoring

Irving Forest Products, Inc. shall maintain a maintenance, inspection and repair log of the cyclones and silos. Irving Forest Products, Inc. shall inspect operations of the cyclones and the silos once per month and record findings in the maintenance, inspection and repair log.

Based on the type of control and operating in a manner consistent with good air pollution control practices, it is unlikely that the planer mill and sawmill will exceed the opacity limits; therefore, periodic monitoring by the source for opacity in the form of visible emission testing is not required. However, neither EPA nor the state is precluded from performing its own testing and may take enforcement action for any violation discovered.

J. Parts Washer

Irving Forest Products, Inc. makes use of two 10-gallon parts degreaser in their maintenance department. One is in the mobile equipment garage and the other is in the sawmill. The degreasers make use of Ozzy Juice truck grade degreasing solution. This solvent is 0.005 percent VOCs by weight. The facility uses approximately 50 gallons of solvent per year per degreaser. The solvent weight is 8.47 pounds per gallon, therefore, Irving Forest Products, Inc. emits approximately 0.04 lbs/yr of VOCs from the parts washing activities.

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1. In accordance with Chapter 130 section 3A of the Department regulations, Irving Forest Products, Inc. shall equip each degreasing unit with the following:
 - A. Equip each degreaser with a cover that can be operated with one hand if vapor pressure >15 mmHG at 100°F,
 - B. Equip the cleaner with an internal drainage basket so that parts are under the cover while draining if the solvent true vapor pressure > 32 mmHG at 100°F, except that the drainage basket may be external where an internal basket cannot fit into the degreaser.
 - C. Implement one of the following control measures if the solvent true vapor pressure > 32 mmHG at 100°F or if the solvent is heated to above 120°F:
 - i. Freeboard height that gives a freeboard ratio (freeboard height divided by the smaller of the interior length, width or diameter) of greater than or equal to 0.7;
 - ii. Water cover at least 1 inch in depth (solvent shall be insoluble in and heavier than water); or
 - iii. Another system of equivalent control, such as refrigerated chiller or a carbon adsorber, approved by the Department and the Environmental Protection Agency (EPA).
 - D. Affix a permanent conspicuous label summarizing the following operating standards:
 - Close cover when not in use,
 - Drain cleaned parts for at least 15 seconds or until dripping ceases,
 - If applicable, solvent spray must be a solid fluid steam and shall not exceed a pressure of 10 pounds per square inch gauge (psig),
 - Do not degrease porous or absorbent materials,
 - Do not operate degreaser if draft is greater than 131.2 feet per minute (ft/min) as measured between 3.28 and 6.56 feet upwind and at the same elevation as the tank lip), and
 - Do not operate degreaser upon occurrence of any visible leak until such leak is repaired[MEDEP Chapter 130]
2. In accordance with Chapter 130, Section 3A of the Department regulations, Irving Forest Products, Inc. shall follow operational standards when making use of the parts degreasers. [MEDEP Chapter 130]

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Periodic Monitoring

A record shall be maintained in regards to solvent added and solvent removed, which would include the dates when solvent is added and the volume of solvent added and removed and the VOC content of the solvent.

K. Facility Emissions

Total Allowable Annual Emissions for the Facility
(used to calculate the license fee)

Pollutant	Tons/Year
PM	89.61
PM ₁₀	89.61
SO ₂	34.81
NO _x	151.45
CO	156.18
VOC ⁽¹⁾	101.13

(1) VOC emissions are broken down in the following manner:

90.4 tons/yr from kiln drying, 10.73 tons/yr from fuel burning equipment and 0.000021 tons/yr from parts washing.

III. AIR QUALITY ANALYSIS

Irving Forest Products, Inc. previously submitted an ambient air quality analysis demonstrating that emissions from the facility, in conjunction with all other sources, do not violate ambient air quality standards. An additional ambient air quality analysis is not required for this Initial Part 70 License.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that emissions from this sources:

- will receive Best Practical Treatment;
- will not violate applicable emissions standards
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants the Part 70 License A-409-70-A-I, subject to the following conditions:

All federally enforceable and State-only enforceable conditions in existing air licenses previously issued to **Irving Forest Products, Inc.** pursuant to the Department's preconstruction permitting requirements in Chapters 108 or 115 have been incorporated into this Part 70 license, except for such conditions that MEDEP has determined are obsolete, extraneous or otherwise environmentally insignificant, as explained in the findings of fact accompanying this permit. As such the conditions in this license supercede all previously issued air license conditions.

Federally enforceable conditions in this Part 70 license must be changed pursuant to the applicable requirements in Chapter 115 for making such changes and pursuant to the applicable requirements in Chapter 140.

For each standard and special condition which is state enforceable only, state-only enforceability is designated with the following statement: **Enforceable by State-only**.

Standard Statements

- (1) Approval to construct shall become invalid if the source has not commenced construction within eighteen (18) months after receipt of such approval or if construction is discontinued for a period of eighteen (18) months or more. The Department may extend this time period upon a satisfactory showing that an extension is justified, but may condition such extension upon a review of either the control technology analysis or the ambient air quality standards analysis, or both;
- (2) The Part 70 license does not convey any property rights of any sort, or any exclusive privilege;
- (3) All terms and conditions are enforceable by EPA and citizens under the CAA unless specifically designated as state enforceable.
- (4) The licensee may not use as a defense in an enforcement action that the disruption, cessation, or reduction of licensed operations would have been necessary in order to maintain compliance with the conditions of the air emission license;
- (5) Notwithstanding any other provision in the State Implementation Plan approved by the EPA or Section 114(a) of the CAA, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any statute, regulation, or Part 70 license requirement.
- (6) Compliance with the conditions of this Part 70 license shall be deemed compliance with any Applicable requirement as of the date of license issuance and is deemed a permit shield, provided that:

- (a) Such Applicable and state requirements are included and are specifically identified in the Part 70 license, except where the Part 70 license term or condition is specifically identified as not having a permit shield; or
- (b) The Department, in acting on the Part 70 license application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the Part 70 license includes the determination or a concise summary, thereof.

Nothing in this section or any Part 70 license shall alter or effect the provisions of Section 303 of the CAA (emergency orders), including the authority of EPA under Section 303; the liability of an owner or operator of a source for any violation of Applicable requirements prior to or at the time of permit issuance; or the ability of EPA to obtain information from a source pursuant to Section 114 of the CAA.

The following requirements have been specifically identified as not applicable based upon information submitted by the licensee in an application dated October 28, 1998.

	SOURCE	CITATION	DESCRIPTION	BASIS FOR DETERMINATION
a.	Boilers #1, #2 and #4	40 CFR Part 60 Subpart Dc	Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units	Commenced construction prior to June 9, 1989
b.	Boilers #1, #2, #3 and #4	40 CFR Part 60 Subpart D	Standards of Performance for Fossil-Fuel-Fired Steam Generators for Which Construction is Commenced After August 17, 1971	All Boilers < 250 MMBtu/hr each
c.	Boilers #1, #2, #3 and #4	40 CFR Part 60 Subpart Da	Standards of Performance for Electrical Steam Generating Units for which Construction is Commenced After September 18, 1978	All Boilers < 250 MMBtu/hr each
d.	Boilers #1, #2, #3 and #4	40 CFR Part 60 Subpart Db	Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units	All Boilers < 100 MMBtu/hr each

- (7) The Part 70 license shall be reopened for cause by the Department or EPA, prior to the expiration of the Part 70 license, if:
- (a) Additional Applicable requirements under the CAA become applicable to a Part 70 major source with a remaining Part 70 license term of 3 or more years. However, no opening is required if the effective date of the requirement is later than the date on which the Part 70 license is due to expire, unless the original Part 70 license or any of its terms and conditions has been extended pursuant to Chapter 140;
 - (b) Additional requirements (including excess emissions requirements) become applicable to a Title IV source under the acid rain program. Upon approval by EPA, excess emissions offset plans shall be deemed to be incorporated into the Part 70 license;
 - (c) The Department or EPA determines that the Part 70 license contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Part 70 license; or
 - (d) The Department or EPA determines that the Part 70 license must be revised or revoked to assure compliance with the applicable requirements.
 - (e) The licensee shall furnish to the Department within a reasonable time any information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the Part 70 license or to determine compliance with the Part 70 license.
- (8) No license revision or amendment shall be required, under any approved economic incentives, marketable licenses, emissions trading and other similar programs or processes for changes that are provided for in the Part 70 license.

Standard Conditions

- (1) Employees and authorized representatives of the Department shall be allowed access to the licensee's premises during business hours, or any time during which any emissions units are in operation, and at such other times as the Department deems necessary for the purpose of performing tests, collecting samples, conducting inspections, or examining and copying records relating to emissions and this license (Title 38 MRSA §347-C);
- (2) The licensee shall acquire a new or amended air emission license prior to commencing construction of a modification, unless specifically provided for in Chapter 140;

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- (3) The licensee shall establish and maintain a continuing program of best management practices for suppression of fugitive particulate matter during any period of construction, reconstruction, or operation which may result in fugitive dust, and shall submit a description of the program to the Department upon request;

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- (4) The licensee shall pay the annual air emission license fee to the Department, calculated pursuant to Title 38 MRSA §353.

- (5) The licensee shall maintain and operate all emission units and air pollution control systems required by the air emission license in a manner consistent with good air pollution control practice for minimizing emissions;

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- (6) The licensee shall retain records of all required monitoring data and support information for a period of at least six (6) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the Part 70 license. The records shall be submitted to the Department upon written request or in accordance with other provisions of this license;

- (7) The licensee shall comply with all terms and conditions of the air emission license. The submission of notice of intent to reopen for cause by the Department, the filing of an appeal by the licensee, the notification of planned changes or anticipated noncompliance by the licensee, or the filing of an application by the licensee for the renewal of a Part 70 license or amendment shall not stay any condition of the Part 70 license.

- (8) In accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department, the licensee shall:

- (a) perform stack testing under circumstances representative of the facility's normal process and operating conditions:

- (i) within sixty (60) calendar days of receipt of a notification to test from the Department or EPA, if visible emissions, equipment operating parameters, staff inspection, air monitoring or other cause indicate to the Department that equipment may be operating out of compliance with emission standards or license conditions;
- (ii) to demonstrate compliance with the applicable emission standards; or
- (iii) pursuant to any other requirement of this license to perform stack testing.

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(b) install or make provisions to install test ports that meet the criteria of 40 CFR Part 60, Appendix A, and test platforms, if necessary, and other accommodations necessary to allow emission testing; and

(c) submit a written report to the Department within thirty (30) days from date of test completion.

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(9) If the results of a stack test performed under circumstances representative of the facility's normal process and operating conditions indicates emissions in excess of the applicable standards, then:

(a) within thirty (30) days following receipt of such test results, the licensee shall re-test the non-complying emission source under circumstances representative of the facility's normal process and operating conditions and in accordance with the Department's air emission compliance test protocol and 40 CFR Part 60 or other method approved or required by the Department; and

(b) the days of violation shall be presumed to include the date of stack test and each and every day of operation thereafter until compliance is demonstrated under normal and representative process and operating conditions, except to the extent that the facility can prove to the satisfaction of the Department that there were intervening days during which no violation occurred or that the violation was not continuing in nature; and

(c) the licensee may, upon the approval of the Department following the successful demonstration of compliance at alternative load conditions, operate under such alternative load conditions on an interim basis prior to a demonstration of compliance under normal and representative process and operating conditions.

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(10) The licensee shall maintain records of all deviations from license requirements. Such deviations shall include, but are not limited to malfunctions, failures, downtime, and any other similar change in operation of air pollution control systems or the emission unit itself that is not consistent with the terms and conditions of the air emission license.

a. The licensee shall notify the Commissioner within 48 hours of a violation in emission standards and/or a malfunction or breakdown in any component part that causes a violation of any emission standard, and shall report the probable cause, corrective action, and any excess emissions in the units of the applicable emission limitation;

- b. The licensee shall submit a report to the Department on a quarterly basis if a malfunction or breakdown in any component part causes a violation of any emission standard, together with any exemption requests.

Pursuant to 38 MRSA § 349(9), the Commissioner may exempt from civil penalty an air emission in excess of license limitations if the emission occurs during start-up or shutdown or results exclusively from an unavoidable malfunction entirely beyond the control of the licensee and the licensee has taken all reasonable steps to minimize or prevent any emission and takes corrective action as soon as possible. There may be no exemption if the malfunction is caused, entirely or in part, by poor maintenance, careless operation, poor design or any other reasonably preventable condition or preventable equipment breakdown. The burden of proof is on the licensee seeking the exemption under this subsection.

- c. All other deviations shall be reported to the Department in the facility's semiannual report.
- (11) Upon the written request of the Department, the licensee shall establish and maintain such records, make such reports, install, use, and maintain such monitoring equipment, sample such emissions (in accordance with such methods, at such locations, at such intervals, and in such manner as the Department shall prescribe), and provide other information as the Department may reasonably require to determine the licensee's compliance status.
- (12) The licensee shall submit semiannual reports of any required periodic monitoring. All instances of deviations from Part 70 license requirements must be clearly identified in such reports. All required reports must be certified by a responsible official.
- (13) The licensee shall submit a compliance certification to the Department and EPA at least annually, or more frequently if specified in the applicable requirement or by the Department. The compliance certification shall include the following:
- (a) The identification of each term or condition of the Part 70 license that is the basis of the certification;
 - (b) The compliance status;
 - (c) Whether compliance was continuous or intermittent;
 - (d) The method(s) used for determining the compliance status of the source, currently and over the reporting period; and
 - (e) Such other facts as the Department may require to determine the compliance status of the source;

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(14) Boilers #1 and #2

A. Irving Forest Products, Inc. shall maintain a record of wood usage for Boilers #1 and #2 based on weight of wood fired. The fuel use record shall be maintained on a monthly basis and an annual twelve-month rolling total basis. [MEDEP Chapter 140, BPT]

B. Emissions from Boilers #1 and #2 each shall not exceed the following limits:

Pollutant	lb/MMBtu	Origin and Authority	Enforceability
PM	0.3	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	0.4	MEDEP Chapter 140, BPT	Enforceable by State-only

Boilers #1 and #2 lb/hr limits

Pollutant	lb/hr	Origin and Authority	Enforceability
PM	3.60	MEDEP Chapter 140, BPT	Enforceable by State-only
PM ₁₀	3.60	MEDEP Chapter 140, BPT	Enforceable by State-only
SO ₂	0.01	MEDEP Chapter 140, BPT	Enforceable by State-only
NO _x	4.80	MEDEP Chapter 140, BPT	Enforceable by State-only
CO	6.00	MEDEP Chapter 140, BPT	Enforceable by State-only
VOC	0.96	MEDEP Chapter 140, BPT	Enforceable by State-only

C. Irving Forest Products, Inc. shall operate Boilers #1 and #2 such that the visible emissions from each stack does not exceed 30% opacity on a six (6) minute block average basis, for more than (2) two (6) six-minute block averages in a 3-hour period. [MEDEP Chapter 140, BPT]

(15) Boiler #4

A. Irving Forest Products, Inc. shall maintain a record of wood usage for Boiler #4 based on weight of wood fired. The fuel use record shall maintained on a monthly basis and an annual twelve-month rolling total basis. [MEDEP Chapter 140, BPT]

B. Emissions from Boiler #4 shall not exceed the following limits:

Pollutant	lb/MMBtu	Origin and Authority	Enforceability
PM	0.27	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	0.4	MEDE Chapter 140, BPT	Federally enforceable

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Boiler #4 lb/hr limits

Pollutant	lb/hr	Origin and Authority	<u>Enforceability</u>
PM	12.47	MEDEP Chapter 140, BPT	Federally enforceable
PM ₁₀	12.47	MEDEP Chapter 140, BPT	Federally enforceable
SO ₂	0.05	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	18.48	MEDEP Chapter 140, BPT	Federally enforceable
CO	23.10	MEDEP Chapter 140, BPT	Federally enforceable
VOC	0.37	MEDEP Chapter 140, BPT	Federally enforceable

- C. Irving Forest Products, Inc. shall operate Boiler #4 such that the visible emissions from the boiler does not exceed 30% opacity on a six (6) minute block average basis, for more than (2) two (6) six-minute block averages in a 3-hour period. [MEDEP Chapter 140, BPT]
- D. Irving Forest Products, Inc. shall install, operate and maintain a non-specification opacity monitor in order to monitor opacity emissions from boiler #4. The monitor shall be operated with a recorder. A record of opacity shall be maintained by Irving Forest Products, Inc. with readings logged atleast once per every four-hour period beginning with the 12:00 AM to 4:00 AM period. [MEDEP Chapter 140, BPT]
- E. Irving Forest Products, Inc. shall install, operate and maintain an oxygen monitor in order to monitor O₂ concentrations in the exhaust gas from boiler #4. The monitor shall be operated with a recorder. A record of O₂ shall be maintained by Irving Forest Products, Inc. with readings logged atleast once per every four-hour period beginning with the 12:00 AM to 4:00 AM period. [MEDEP Chapter 140, BPT]

(16) Wood Use

1. Irving Forest Products, Inc. shall determine the weight of all wood before being fired in Boilers #1, #2 and #4 and maintain a record of wood fired in the wood firing boilers.
2. Irving Forest Products, Inc. shall be limited to a total annual wood usage limit is 68,325 tons of wood per year at 50% moisture or equivalent. Compliance with the wood usage limit shall be demonstrated through fuel usage records required for the wood firing boilers.

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(17) NO_x RACT

1. In accordance with MEDEP Chapter 138, Section 3 (L) (1), Irving Forest Products, Inc. shall perform an annual tune-up on Boiler #4. [MEDEP Chapter 140, BPT]
2. In accordance with MEDEP Chapter 138, Section 3 (L) (2), Irving Forest Products, Inc. shall comply with the following tune-up record keeping requirements for Boiler #4.
 - a. A tune-up procedure file must be kept on-site and made available to the Department upon request,
 - b. An oxygen/carbon monoxide curve or an oxygen/smoke curve must be kept on file,
 - c. Once the optimum excess oxygen setting has been determined, Irving Forest Products, Inc. must periodically verify that the setting remains at that value, and
 - d. If the oxygen level found is substantially higher than the value provided by the combustion unit manufacturer, Irving Forest Products, Inc. must improve the fuel and air mixing, thereby allowing operation with less air. [MEDEP Chapter 140, BPT]

(18) Boiler #3

- A. Irving Forest Products, Inc. shall not exceed an annual fuel use limit of 875,000 gallons of fuel oil per year in Boiler #3 based on a twelve-month rolling total. Compliance with fuel usage limits shall demonstrated by record keeping which shall include purchase receipts that specify the amount of fuel purchased, the sulfur content of the fuel and the fuel delivery date. Fuel records shall be maintained on a monthly as well as a 12-month rolling basis. [MEDEP Chapter 140, BPT]
- B. Irving Forest Products, Inc. shall fire #6 fuel oil or #4 fuel oil with a sulfur content of no greater than 0.5% sulfur by weight in Boiler #3 demonstrated by purchase receipts or supplier certifications. [MEDEP Chapter 140, BPT]
- C. Emissions from Boiler #3 shall not exceed the following limits:

Pollutant	lb/MMBtu	Origin and Authority	Enforceability
PM	0.05	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	0.37	MEDEP Chapter 140, BPT	Federally enforceable

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Boiler #3 lb/hr limits

Pollutant	lb/hr	Origin and Authority	<u>Enforceability</u>
PM	0.84	MEDEP Chapter 140, BPT	Federally enforceable
PM ₁₀	0.84	MEDEP Chapter 140, BPT	Federally enforceable
SO ₂	8.83	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	6.72	MEDEP Chapter 140, BPT	Federally enforceable
CO	0.50	MEDEP Chapter 140, BPT	Federally enforceable
VOC	0.13	MEDEP Chapter 140, BPT	Federally enforceable

- C. Irving Forest Products, Inc. shall operate the boiler such that the visible emissions from the boiler does not exceed 30% opacity on a six (6) minute block average basis, for more than (2) two (6) six-minute block averages in a 3-hour period. [MEDEP Chapter 140, BPT]

(19) Emergency Diesel Fire Pump

- A. Irving Forest Products, Inc. shall equip, operate and maintain the diesel generator with an operating hour meter. [MEDEP Chapter 140, BPT]
- B. Irving Forest Products, Inc. shall maintain a log of all Emergency Diesel Fire Pump operations, which shall include dates of operation, duration of operation, hour meter readings for each period of operation and circumstances for which the unit was operated. [MEDEP Chapter 140, BPT]
- C. Irving Forest Products, Inc. shall be limited to 500 hours of operation per year based on a 12 month rolling total. Compliance to the hour of operation limit shall be demonstrated through the Emergency Diesel Fire Pump operations log. [MEDEP Chapter 140, BPT]
- D. After the date of the signing of this license, any fuel purchased to be fired in the emergency diesel fire pump shall be diesel fuel with a sulfur content not to exceed 0.05% sulfur by weight. Compliance shall demonstrated by fuel purchase receipts or supplier certification indicating fuel sulfur content and date of fuel purchase.
- E. Irving Forest Products, Inc. shall be permitted to fire the #2 fuel oil remaining in their Emergency Diesel Fire Pump fuel tank.
[MEDEP Chapter 140, BPT]

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F. Emissions from the diesel generator shall be limited to the following:

Emergency Diesel Fire Pump

Pollutant	lb/hr	Origin and Authority	Enforceability
PM	0.62	MEDEP Chapter 140, BPT	Federally enforceable
PM ₁₀	0.62	MEDEP Chapter 140, BPT	Federally enforceable
SO ₂	0.10	MEDEP Chapter 140, BPT	Federally enforceable
NO _x	8.82	MEDEP Chapter 140, BPT	Federally enforceable
CO	1.90	MEDEP Chapter 140, BPT	Federally enforceable
VOC	0.70	MEDEP Chapter 140, BPT	Federally enforceable

G. Visible emissions from the Emergency Diesel Fire Pump shall not exceed 20% opacity on a 6-minute block average, except for no more than 2 six-minute block averages in a 3-hour period. [MEDEP Chapter 140, BPT]

(20) Drying Kilns

1. Irving Forest Products, Inc. shall be limited to drying a total of 80,000,000 boardfeet of lumber per year in the facility's drying kilns based on a twelve-month rolling total. [MEDEP Chapter 140, BPT]
2. Irving Forest Products, Inc. shall maintain records indicating the quantity of wood dried in BF and VOC emissions. VOC emissions shall be calculated using an emission factor of 2.26 pounds of VOC per 1,000 BF. The kiln record shall be maintained on a monthly and a 12-month rolling total basis. [MEDEP Chapter 140, BPT]

(21) Parts Washers

1. In accordance with Chapter 130, Section 3A of the Department regulations, Irving Forest Products, Inc. shall follow equipment and operational standards when making use of the parts degreasers. [MEDEP Chapter 130]
2. In accordance with Chapter 130 section 3A of the Department regulations, Irving Forest Products, Inc. shall equip each degreasing unit with the following:
 - A. Equip each degreaser with a cover that can be operated with one hand if vapor pressure >15 mmHG at 100°F, if the solvent is agitate or if the solvent is heated. [MEDEP Chapter 130]

- B. Equip the cleaner with an internal drainage basket so that parts are under the cover while draining if the solvent true vapor pressure > 32 mmHG at 100°F, except that the drainage basket may be external where an internal basket cannot fit into the degreaser. [MEDEP Chapter 130]
- C. Implement one of the following control measures if the solvent true vapor pressure > 32 mmHG at 100°F or if the solvent is heated to above 120°F:
- i. Freeboard height that gives a freeboard ratio (freeboard height divided by the smaller of the interior length, width or diameter) of greater than or equal to 0.7;
 - ii. Water cover at least 1 inch in depth (solvent shall be insoluble in and heavier than water); or
 - iii. Another system of equivalent control, such as refrigerated chiller or a carbon adsorber, approved by the Department and the Environmental Protection Agency (EPA). [MEDEP Chapter 130]
- D. Affix a permanent conspicuous label summarizing the following operating standards:
- Close cover when not in use,
 - Drain cleaned parts for at least 15 seconds or until dripping ceases,
 - If applicable, solvent spray must be a solid fluid steam and shall not exceed a pressure of 10 pounds per square inch gauge (psig),
 - Do not degrease porous or absorbent materials,
 - Do not operate degreaser if draft is greater than 131.2 feet per minute (ft/min) as measured between 3.28 and 6.56 feet upwind and at the same elevation as the tank lip), and
 - Do not operate degreaser upon occurrence of any visible leak until such leak is repaired [MEDEP Chapter 130]
3. Irving Forest Products, Inc. shall maintain a record of solvent use for the parts degreasers. The record shall include solvent added and removed, the dates when solvent is added and the volume of solvent added and removed and the VOC content of the solvent. [MEDEP Chapter 140, BPT]

(22) General Process Emissions

Visible emissions from any general process source, including the wood waste conveying system (blowers) and the dust cyclones shall not exceed an opacity of 10% on a 6-minute block average basis except for no more than one 6-minute block average in a 1-hour period. [MEDEP Chapter 140, BPT]

Irving Forest Products, Inc. shall maintain a maintenance, inspection and repair log of the cyclones and silos. Irving Forest Products, Inc. shall inspect operations of the cyclones and the silos once per monthly and record findings in the maintenance, inspection and repairs log. [MEDEP Chapter 140, BPT]

(23) Record Keeping Requirements

A. Periodic Monitoring

The following is a list of the periodic monitoring required by this license:

1. Irving Forest Products, Inc. shall maintain a record of wood usage fired in Boilers #1, #2 and #4.
2. Irving Forest Products, Inc. shall maintain a log indicating opacity and O₂ emissions in Boiler #4.
3. Irving Forest Products, Inc. shall maintain a record of maintenance, inspection and repair of the Boiler #4 opacity and O₂ monitors and recorders.
4. Irving Forest Products, Inc. shall maintain a record regarding NO_x RACT tune-up requirements.
5. Irving Forest Products, Inc. shall maintain a record of #6 fuel oil and #4 fuel oil purchased for Boiler #3.
6. Irving Forest Products, Inc. shall maintain a record of use and fuel oil purchases for the Emergency Diesel Fire Pump.
7. Irving Forest Products, Inc. shall maintain a record of kiln production.
8. Irving Forest Products, Inc. shall maintain a record of maintenance, inspection and repair of the facility's cyclones.
9. Irving Forest Products, Inc. shall maintain a record of solvent use in the facility's Parts Washers.

(24) Quarterly Reporting

The licensee shall submit a Quarterly Report to the Bureau of Air Quality within 30 days after the end of each calendar quarter, detailing the following, for the control equipment required by this license. [MEDEP Chapter 117]

1. All control equipment downtimes and malfunctions;
2. All excess events of emission and operational limitations set by this Order, Statute, state or federal regulations, as appropriate. The following information shall be reported for each excess event;
 - a. Standard exceeded;
 - b. Date, time, and duration of excess event;
 - c. Maximum and average values of the excess event, reported in the units of the applicable standard, and copies of pertinent strip charts and printouts when requested;
 - c. A description of what caused the excess event;
 - e. The strategy employed to minimize the excess event; and
 - f. The strategy employed to prevent reoccurrence.

(25) Semiannual Reporting

The licensee shall submit semiannual reports every six months to the Bureau of Air Quality. The initial semiannual report is due July 30, 2003. Subsequent reports shall be due on January 30 and July 30 of each year.

- A. Each semiannual report shall include a summary of the periodic monitoring required by Condition 23 (A) of this license.
- B. All instances of deviations from license requirements and the corrective action taken must be clearly identified and provided to the Department in summary form for each six-month interval.
[MEDEP Chapter 140]

(26) Annual Compliance Certification

The licensee shall submit an annual compliance certification to the Department and the EPA in accordance with Standard Condition (13) of this license. The initial annual compliance certification is due January 30, 2004 and subsequent annual compliance certifications shall be due January 30 of each year.
[MEDEP Chapter 140]

(27) Annual Emission Statement

In accordance with MEDEP Chapter 137, the licensee shall annually report to the Department the information necessary to accurately update the State's emission inventory by means of:

- 1) A computer program and accompanying instructions supplied by the Department;
or
- 2) A written emission statement containing the information required in MEDEP Chapter 137.

Reports and questions should be directed to:

Attn: Criteria Emission Inventory Coordinator
Maine DEP
Bureau of Air Quality
17 State House Station
Augusta, ME 04333-0017

Phone: (207) 287-2437

The emission statement must be submitted by September 1.

(28) The Licensee is subject to the State Regulations listed below

<u>Origin and Authority</u>	<u>Requirement Summary</u>	<u>Enforceability</u>
Chapter 102	Open Burning	-
Chapter 109	Emergency Episode Regulation	-
Chapter 110	Ambient Air Quality Standard	-
Chapter 116	Prohibited Dispersion Techniques	-
38 M.R.S.A. Section 3 §585-B, sub-§5	Reduce Mercury Use and Emissions	Enforceable by State-only

(29) Units Containing Ozone Depleting Substances

When repairing or disposing of units containing ozone depleting substances, the licensee shall comply with the standards for recycling and emission reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioning units in Subpart B. An example of such units include refrigerators and any size air conditioner that contain CFCs.

[40 CFR, Part 82, Subpart F]

(30) Certification by a Responsible Official

All reports (including quarterly reports, semiannual reports, and annual compliance certifications) required by this license to be submitted to the Bureau of Air Quality must be signed by a responsible official. [MEDEP Chapter 140]

(31) Irving Forest Products, Inc. shall pay the annual air emission license fee within 30 days of September 30 of each year. Pursuant to 38 MRSA 353-A, failure to pay this annual fee in the stated timeframe is sufficient grounds for the revocation of the license under 38 MRSA 341-D, Subsection 3.

(32) The term of this license shall be five (5) years from the signature date below.

DONE AND DATED IN AUGUSTA, MAINE THE DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: **September 9, 1998**

Date of application acceptance: **September 9, 1998**

Date filed with the Board of Environmental Protection _____

This Order prepared by Peter G. Carleton, Bureau of Air Quality.